

## Re: Howdy

Rafael Castillo <rcastillo415@yahoo.com>

Thu 3/21/2019 12:31 PM

To: Arun Mr <arunfss@live.com>

Arun,

I was able to visit with Alex Loveless, this morning and took some pictures of the Engrain Wood Shop space.

Here is some information so that you may be able to put together a quote for sprinklers of his building.

### 1 - Pictures

- a - Looking North below storage mezzanine
- b - Looking North below storage mezzanine
- c - Looking at NW corner of space, possible riser location
- d - Looking south from NW corner out in wood shop up to roof, Z purlins and insulation
- e - Looking SE from NW corner out in the wood shop up to roof and storage mezzanine
- f - At from entry looking North at entry and offices

Engrain Wood Design building footprint - +/-6,800 sq. ft.

(Building foot print +/-13,800 sq. ft.)

Total sprinklers estimated upright/ pendent throughout the space,

48 SSU at the roof

18 SSU below the mezzanine

9 SSP at Entry and offices

74 SSU/SSP Total

Estimated 4" riser, 6" underground from Industrial Road +/- 75 ft from connection to riser location.

Estimated design cost - \$4,000.00

Bret Larsen has also advised him that he can add fire wall to divide the space into area less than 2,500 sq. ft. that would eliminate the need for sprinklers.

Hope this helps and gives you information you need for an estimate for Alex.

Thank you

Rafael E. Castillo  
SUPERIOR FIRE PROTECTION SERVICES  
rcastillo415@yahoo.com  
5513 West 11000 North #510  
Highland, Utah 84003  
801-228-7656

On Wednesday, March 20, 2019, 2:45:54 PM MDT, Arun Mr <arunfss@live.com> wrote:

Thank you

**Arun (Mr.)**

Projects & Compliance

**Fire Suppression Services Incorporated**

3802 S. 2300 E.

Millcreek UT 84109

(801) 277-6464 Main Office

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**REQUIRED**

For every minute you are angry you lose sixty seconds of happiness

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**From:** Rafael Castillo <rcastillo415@yahoo.com>

**Sent:** Wednesday, March 20, 2019 2:31 PM

**To:** Arun Mr

**Subject:** Re: Howdy

OK, I just spoke with Alex and they will be in SLC in the morning and back to the shop around 9:00 am. We have scheduled to meet at their shop at about 9:30 am on Thursday to review what it would take and then determine what and why Bret Larsen is expecting?  
I will let you know more after our visit in the morning.

Thank you,

Rafael E. Castillo

SUPERIOR FIRE PROTECTION SERVICES

rcastillo415@yahoo.com

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Highland, Utah 84003

801-228-7656

On Wednesday, March 20, 2019, 2:20:57 PM MDT, Arun Mr <arunfss@live.com> wrote:

Cabinet shop

Alex Loveless

(801) 592-1979

5,000 sft maybe. Offices and a mezzanine

endgrain@live.com

Brett Larsen is FM



**Arun (Mr.)**

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**From:** Rafael Castillo <rcastillo415@yahoo.com>

**Sent:** Wednesday, March 20, 2019 2:09 PM

**To:** Arun Mr

**Subject:** Re: Howdy

Good Afternoon Arun,

I see this request in Orem, Engrain Wood Design, is this a cabinet shop?

Would you like me to visit the site? It is about 20 minutes from me.

Then I can look at the water supply, building construction and see what needs to be sprinklered.

Just a guess of 5000 sq ft with an average sprinkler spacing of 100 sq ft would be 50 sprinklers.

Depending on offices, is is wood construction and would up and down sprinklers be required. so it would be good to stop by and do a quick survey.

If you would like me to go I can do it Thursday morning.

Thank you,

Rafael E. Castillo

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5513 West 11000 North #510

Highland, Utah 84003

801-228-7656

On Wednesday, March 20, 2019, 1:55:53 PM MDT, Arun Mr <arunfss@live.com> wrote:

Endgrain Wood design  
1092 North Industrial Park Dr Orem  
He says it is 5,000 sq ft.

How many heads.  
Brett Larsen making him sprinkle it.

**Arun (Mr.)**

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**From:** Arun Mr

**Sent:** Wednesday, March 20, 2019 1:53 PM

**To:** endgrain@live.com

**Subject:** Howdy



**Arun (Mr.)**

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